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DVP3300



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**PHILIPS**

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# 1 Important

## Safety and important notice



### Warnings

- Risk of overheating! Never install the product in a confined space. Always leave a space of at least 4 inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.
- Never place the product, remote control or batteries near naked flames or other heat sources, including direct sunlight.
- Only use this product indoors. Keep this product away from water, moisture and liquid-filled objects.
- Never place this product on other electrical equipment.
- Keep away from this product during lightning storms.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Visible and invisible laser radiation when open. Avoid exposure to beam.

## Disposal of your old product and batteries

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste.



Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.



Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

## Copyright notice

This product incorporates copyright protection



**Be responsible  
Respect copyrights**

technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

## Trademark notice



DIGITAL

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



'DVD Video' is a trademark of DVD Format/Logo Licensing Corporation.



**ABOUT DIVX VIDEO:** DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit [www.divx.com](http://www.divx.com) for more information and software tools to convert your files into DivX video. **ABOUT DIVX VIDEO-ON-DEMAND:** This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to [vod.divx.com](http://vod.divx.com) with this code to complete the registration process and learn more about DivX VOD. DivX® is a registered trademark of DivX, Inc., and is used under license.



The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, Inc.

This apparatus includes this label:



## 2 Your DVD player

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at [www.philips.com/welcome](http://www.philips.com/welcome).

### Feature highlights

#### Screen Fit

View the movie in full screen display on any TV.

#### USB link

Plug a USB flash drive to the USB jack to enjoy the MP3/DivX/JPEG files.

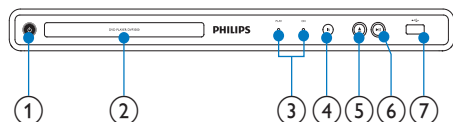
### Region codes

You can play discs with the following region codes.

DVD region code	Countries
 	Asia Pacific, Taiwan, Korea

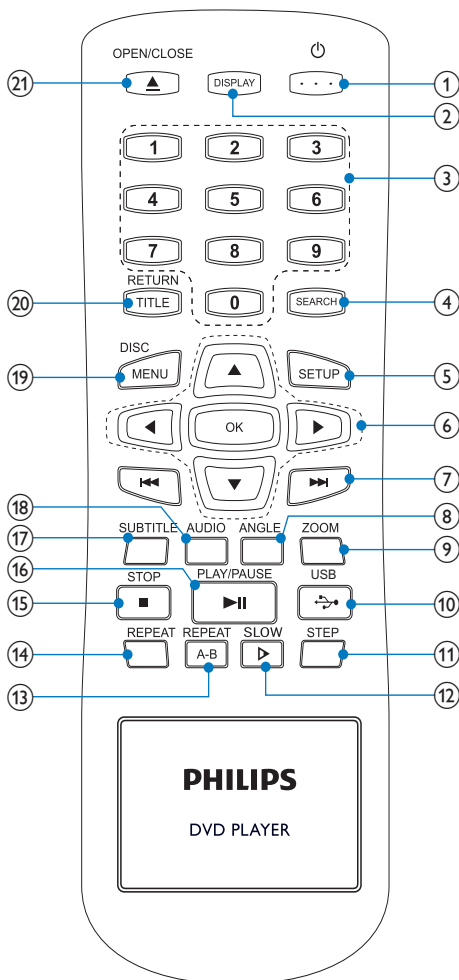
### Product overview

#### Overview of the main unit







- ① **⏻ (Standby-On)**
  - Turn on the DVD player or switch to standby mode.
- ② **Disc compartment**
- ③ **Indicators**
- ④ **iR sensor**
  - Remote sensor.
- ⑤ **▲ (Open/Close)**
  - Open or close the disc compartment.
- ⑥ **▶|| (Play/Pause)**
  - Start, pause or resume disc play.
- ⑦ **🔌 (USB jack)**
  - Connect a USB flash drive.

#### Overview of the remote control



- ① **⏻**
  - Turn on the DVD player or switch to standby mode.
- ② **DISPLAY**
  - Display the current play status or disc information.
- ③ **Numeric Keypad 0 - 9**
  - Select an item to play.
- ④ **SEARCH**
  - Start playback from designated point.

- 5 **SETUP**
- Access or exit the setup menu.
- 6 **▲▼◀▶ (Navigation buttons)**
- Navigate through the menus.
  - Search fast-forward (right) or fast-backward (left).
  - Search slow-forward (up) or slow-backward (down).
- OK**
- Confirm an entry or selection.
- 7 **◀◀▶▶ (Previous/Next)**
- Skip to the previous or next title, chapter, or track.
  - Press and hold for fast-backward or fast-forward search.
- 8 **ANGLE**
- Select a viewing angle of a DVD.
  - Switch veiving modes during playing JPEG slideshow.
- 9 **ZOOM**
- Zoom into or out of an image.
- 10 **USB** 
- Select USB device source.
- 11 **STEP**
- Play video frame by frame.
- 12 **SLOW** 
- Select a slow forward.
- 13 **REPEAT A-B**
- Repeat a specific section within a track/disc.
- 14 **REPEAT**
- Select or turn off repeat mode.
- 15 **STOP** 
- Stop play.
- 16 **PLAY/PAUSE** 
- Start, pause or resume disc play.
- 17 **SUBTITLE**
- Select a subtitle language for video.
- 18 **AUDIO**
- Select an audio language or channel.
- 19 **DISC MENU**
- Access or exit the disc menu.
  - For VCD 2.0 and SVCD, turn on or off the PBC (playback control) mode.

- 20 **RETURN/TITLE**
- Returns to the previous menu.
  - For DVD, navigates to title menu.
  - For VCD version 2.0 or SVCD with PBC turned on, returns to the menu.
- 21 **▲ OPEN/CLOSE**
- Open or close the disc compartment.

## 3 Connect

Make the following connections to use this product.

### Basic connections:

- Video
- Audio

### Optional connections:

- Route audio to other devices:
  - Digital amplifier/receiver
  - Analog stereo system
- USB flash drive

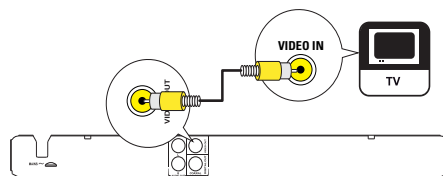
### Notes

- Refer to the type plate at the back or bottom of the product for identification and supply ratings.
- Before you make or change any connections, ensure that all the devices are disconnected from the power outlet.

### Tip

- Different types of connectors may be used to connect this product to your TV, depending on availability and your needs. A comprehensive interactive guide to help you connect your product is available at [www.connectivityguide.philips.com](http://www.connectivityguide.philips.com).

## Connect video cables

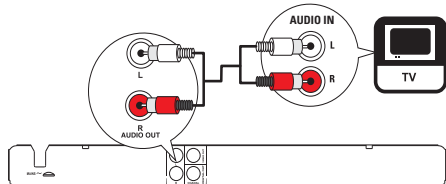


- 1 Connect a composite video cable to:
  - the **VIDEO OUT** jack on this product.
  - the video input jack on the TV.

## Tips

- The video input jack on the TV may be labeled as A/V IN, VIDEO IN, COMPOSITE or BASEBAND.
- This type of connection provides standard picture quality.

## Connect audio cables



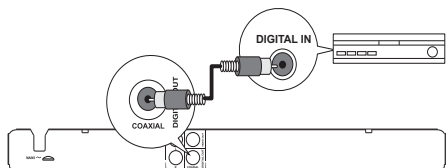
Connect the audio from this product to the TV to allow sound output through the TV.

- 1 Connect the audio cables to:
  - the **AUDIO OUT L/R** jacks on this product.
  - the audio input jacks on the TV.

## Route audio to other devices

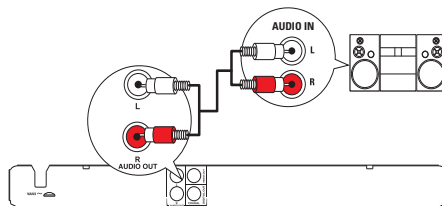
Route the audio from this product to other devices to enhance audio play.

## Connect to digital amplifier/receiver



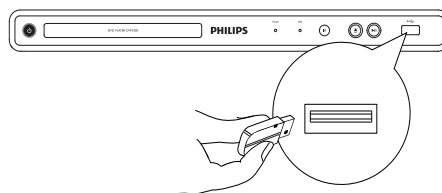
- 1 Connect a coaxial cable (not supplied) to:
  - the **COAXIAL** jack on this product.
  - the **COAXIAL/DIGITAL** input jack on the device.


## Connect analogue stereo system




- 1 Connect the audio cables to:
  - the **AUDIO OUT L/R** jacks on this product.
  - the audio input jacks on the device.

## Connect USB flash drive



- 1 Connect a USB flash drive to the  jack on this product.

## Notes

- This product can only play/view MP3, DivX or JPEG files that are stored on a USB flash drive.
- Press  to access the content and play the files.

## Connect power

### ! Cautions

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back of the product.
- Before connecting the AC power cord, ensure you have completed all other connections.

### ≡ Note

- The type plate is located on the back of the product.

- 1 Connect the AC power cable to the wall socket.
  - ↳ The product is ready to be set up for use.

## 4 Get started

### Prepare the remote control

- 1 Open the battery compartment.
- 2 Insert two R03 or AAA batteries with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.



#### Cautions

- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Batteries contain chemical substances, so they should be disposed of properly.

### Find the correct viewing channel

- 1 Press  $\odot$  to turn on this product.
- 2 Turn on the TV and switch to the correct video-in channel. (Refer to the TV user manual on how to select the correct channel.)

### Select menu display language



- The language options may vary from different regions.

- 1 In stop mode, press **SETUP**.
- 2 Press  $\blacktriangle/\blacktriangledown$  to select [**Language**] and then press  $\blacktriangleright$ .
- 3 Press  $\blacktriangleright$  and then  $\blacktriangle/\blacktriangledown$  to select a language.
- 4 Press **OK** to confirm.

## 5 Play

### Play a disc



#### Cautions

- Do not place any objects other than discs into the disc compartment.
- Do not touch the disc optical lens inside the disc compartment.

- 1 Press  $\blacktriangle$  to open the disc compartment.
- 2 Insert a disc with its label facing up.
- 3 Press  $\blacktriangle$  to close the disc compartment and start disc play.
  - To view disc play, turn on the TV to the correct viewing channel for this product.
  - To stop disc play, press  $\blacksquare$ .



#### Notes

- Check the types of discs supported (see "Specifications" > "Play media").
- If the password entry menu is displayed, enter the password before you can play the locked or restricted disc (see "Adjust settings" > "Rating setup" > [**Parental Control**]).
- If you pause or stop a disc, the screen saver appears after 5 minutes of inactivity.
- After you pause or stop a disc and no button is pressed within 15 minutes, this product automatically switches to standby.

### Play video



#### Note

- Some operations may not work with some discs. See the information accompanying the disc for details.

### Control video play

- 1 Play a title.
- 2 Use the remote control to control the play.

Button	Action
$\blacktriangleright \parallel$	Start, pause or resume disc play.
$\blacksquare$	Stop disc play.
$\blacktriangleleft \blacktriangleright$	Skip to a previous/next title or chapter.

Button	Action
▲, ▼	Search slow-forward or slow-backward. <ul style="list-style-type: none"> <li>For VCD/SVCD, slow-backward search is not available.</li> </ul>
◀, ▶	Search fast-backward or fast-forward.
AUDIO	Select an audio language or channel available on a disc.
SUBTITLE	Select a subtitle language available on a disc.
REPEAT	Select or turn off repeat mode. <ul style="list-style-type: none"> <li>Repeat options may vary from disc type.</li> </ul>
REPEAT A-B	Repeat a specific section within a track/disc.
ZOOM (Screen fit)	Fit the picture format to the TV screen. <ul style="list-style-type: none"> <li>Press repeatedly until the image is scaled to fit to the TV screen.</li> </ul>
ZOOM	Zoom into or out of an image.
ANGLE	Select a viewing angle of a DVD.
STEP	Play video frame by frame.
SLOW ▶	Select a slow forward.

## Access DVD menu

- 1 Press **DISC MENU** to access the disc root menu.
- 2 Select a play option, then press **OK**.
  - In some menus, press the **Numeric buttons** to input your selection.

## Access VCD menu

The PBC (playback control) feature is available for VCD/SVCD, which can display the contents menu for you to select a play option. The PBC is on by default in the factory.

- 1 Display the contents menu via one of the following ways:
  - If PBC is on, load in a VCD/SVCD.
  - During play with PBC on, press **RETURN/TITLE**.
- 2 Press the **Numeric buttons** to select a play option, then press **OK** to start play.
  - If PBC is turned off, it skips the menu display and starts play from the first track.

## Display disc information

- 1 During play, press **DISPLAY** repeatedly.
  - The disc status menu is displayed.

## Search by title, chapter or time

- 1 Press **SEARCH**, then press ▲/▼ to select **[Title]/[Chapter]** or **[Time]**, then press **OK** to access.
- 2 Use the **numeric keypad 0-9** to input a valid number.
- 3 Press **OK** to confirm.
  - The playback skips to the chosen title/chapter/time.

## View DVD play from different angles

### Note

- Applicable only to discs contain multi-angle scenes.

- 1 During play, press **ANGLE** repeatedly to switch between different angles.
  - Playback switches to the selected angle.

## Repeat play for a specific section

- 1 During play, press **REPEAT A-B** at the start point.
- 2 Press **REPEAT A-B** again to set the end point.
  - Repeat play starts.
    - To cancel repeat play, press **REPEAT A-B** again.

### Note

- The marked section for repeat play is only possible within a track/title.

## Play DivX® video

DivX video is a digital media format that retains high quality despite a high rate of compression. You can enjoy DivX video on this DivX certified product.

- 1 Insert a disc or USB that contains the DivX videos.
  - For USB, press **→**.
  - A contents menu is displayed.
- 2 Select a title to play, then press **OK**.
  - You may select subtitle/audio language.



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## Play music

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### Control a track

- 1 Play a track.
- 2 Use the remote control to control the play.

Button	Action												
PLAY/PAUSE ▶	Start, pause or resume disc play.												
STOP ■	Stop disc play.												
◀◀▶▶	Skip to a previous/next track. Searches fast-backward or fast-forward. Press repeatedly to change the search speed.												
<table><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td></tr><tr><td colspan="3">0</td></tr></table>	1	2	3	4	5	6	7	8	9	0			Select an item to play.
1	2	3											
4	5	6											
7	8	9											
0													

**REPEAT** Select or turn off repeat mode.  
Repeat options may vary from disc type.

**REPEAT A-B** Repeat a specific section within a track/disc.

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### Play MP3 music

MP3 is a type of highly compressed audio file (files with the .mp3 extension).

- 1 Insert a disc or USB flash drive that contains the MP3 music.  
↳ A contents menu is displayed.
- 2 If play does not automatically start, select a track to play.
  - To select another track/folder, press ▲▼, then press **OK**.

#### Notes

- For disc recorded in multiple sessions, only the first session is played.
- This product does not support MP3PRO audio format.
- For any special character that is present in the MP3 track name (ID3) or album name, it might not be displayed correctly on the screen because these characters are not supported.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

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## Play photo

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### Play photo as slideshow

You can play JPEG photos (files with .jpeg or .jpg extensions).

- 1 Insert a disc or USB flash drive that contains the JPEG photos.
  - ↳ Slideshow begins (for Kodak disc), or a contents menu (for JPEG disc) is displayed.
- 2 Select a photo folder, then press ▶▶ to start slideshow.
  - To select a photo, press the **Navigation buttons**.
  - To enlarge the selected photo and start slideshow, press **OK**.
  - To return to the menu, press **RETURN/TITLE**.

#### Notes

- It may require longer time to display the disc content on the TV due to the large number of songs/photos compiled onto one disc/USB flash drive.
- If the JPEG photo is not recorded with an 'exif' type file, the actual thumbnail picture cannot be shown on the screen. It is replaced by a 'blue mountain' thumbnail picture.
- This product can only display digital camera pictures according to the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG, or pictures in formats other than JPEG, or sound clips associated with pictures.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

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### Control photo play





- 1 Play a photo slideshow.
- 2 Use the remote control to control the play.

Button	Action
◀/▶	Rotate a photo anti-clockwise/ clockwise.
▲/▼	Rotate a photo horizontally/vertically.
ZOOM	Zoom in or out of a photo. Play pauses in zoom mode.
STOP ■	Stop a play.

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## Play from USB flash drive

This product plays/views MP3, DivX or JPEG files that are stored on a USB flash drive.

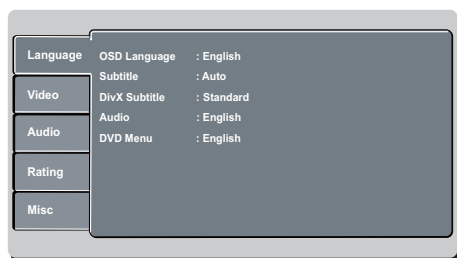
- 1 Connect a USB flash drive to the  jack on this product.
- 2 Press the  button.  
↳ A contents menu is displayed.
- 3 If play does not start automatically, select a file to play.
  - For more information, see the chapters "Play music", "Play photo" and "Play video" for details.
- 4 To stop play, press .
  - To switch to the disc mode, press the  button.







## 6 Adjust settings

### Note

- If the setup option is grayed out, it means the setting cannot be changed at the current state.

## Language setup



- 1 Press **SETUP** on the remote control.
- 2 Press  to select **[Language]**, and then press .
- 3 Press  to select an option, and then press .
- 4 Press  to select a setting, and then press **OK** to confirm.
  - To return to the previous menu, press .
  - To exit the menu, press **SETUP**.

### [OSD Language]

Select an on-screen menu language.

### [Subtitle]

Select a subtitle language for disc play.

### [DivX Subtitle]

Select a character set that supports the DivX subtitle.

- **[Standard]** - Albanian, Danish, Dutch, English, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish

### Note

- Ensure that the subtitle file has the exact same file name as the movie file. If for example the file name of the movie is "Movie.avi", then you need to name the text file "Movie.sub" or "Movie.srt".

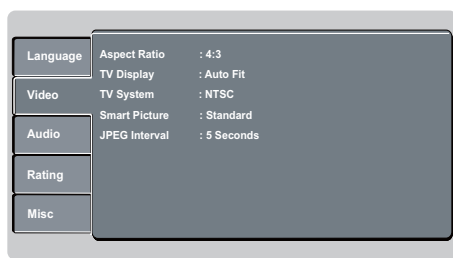
### [Audio]







Select an audio language for disc play.

### [DVD Menu]

Select a DVD menu language.

## Video setup



- 1 Press **SETUP** on the remote control.
- 2 Press  to select **[Video]**, and then press .
- 3 Press  to select an option, and then press .
- 4 Press  to select a setting, and then press **OK** to confirm.
  - To return to the previous menu, press .
  - To exit the menu, press **SETUP**.

### [Aspect Ratio]

The TV format determines the aspect ratio of display according to the type of TV you have connected.

- **[4:3]** - For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- **[16:9]** - For wide-screen TV: display ratio 16:9.

## [TV Display]

This setting allows you to scale the picture to fit the TV width and/or height.

- **[Fill]** - Scale the picture to fill the screen height.
- **[Original]** - Fit the original screen size (for JPEG only).
- **[Height Fit]** - Scale the picture to fit the screen height.
- **[Width Fit]** - Scale the picture to fit the screen width.
- **[Auto Fit]** - Take the minimum value of horizontal and vertical fit scale ratio (like letter box).
- **[Pan Scan]** - Take the maximum value of horizontal and vertical fit scale ratio.

## [TV System]

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

- **[NTSC]** - For NTSC-system TV.
- **[PAL]** - For PAL-system TV.
- **[Multi]** - For TV that is compatible with both PAL and NTSC.

## [Smart Picture]

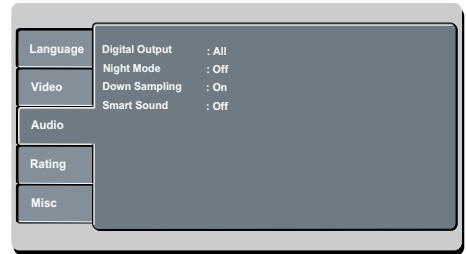
Select a predefined set of picture color settings or customize the personal setting.

- **[Standard]** - Original color setting.
- **[Bright]** - Vibrant color setting.
- **[Soft]** - Warm color setting.
- **[Personal]** - Customise the color setting. Set the level of brightness, contrast, tint and color saturation.
  - **[Brightness]**: Press ◀▶ to set a value between -20 and +20 (0 by default).
  - **[Contrast]**: Press ◀▶ to set a value between -16 and +16 (0 by default).
  - **[Tint]**: Press ◀▶ to set a value between -9 and +9 (0 by default).
  - **[Color]**: Press ◀▶ to set a value between -9 and +9 (0 by default).

## [JPEG Interval]

Select a display interval for JPEG images.

## Audio setup



- 1 Press **SETUP** on the remote control.
- 2 Press ▲▼ to select **[Audio]**, and then press ▶.
- 3 Press ▲▼ to select an option, and then press ▶.
- 4 Press ▲▼ to select a setting, and then press **OK** to confirm.
  - To return to the previous menu, press ◀.
  - To exit the menu, press **SETUP**.

## [Digital Output]

Selects the setting based on the digital amplifier/receiver that is connected through the digital jack.

- **[Off]** - Disable digital output.
- **[PCM]** - Downmix to PCM format (2 channel).
- **[All]** - Support multi-channel audio formats.

## ≡ Note

- Applicable only to Dolby Digital encoded DVD.

## [Down Sampling]

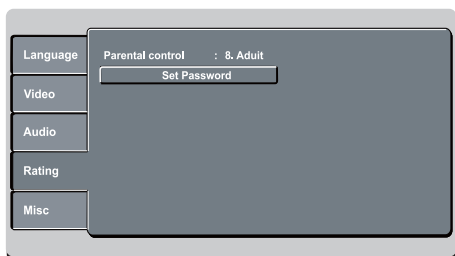
Select the output sampling rate for better sound quality.

- **[On]** - For discs recorded at sampling rate of 48 kHz.
- **[Off]** - For discs recorded at sampling rate of 96 kHz.

## [Smart Sound]

Select a sound effect for music.

## Rating setup



- 1 Press **SETUP** on the remote control.
- 2 Press **▲▼** to select **[Rating]**, and then press **▶**.
- 3 Press **▲▼** to select an option, and then press **▶**.
- 4 Press **▲▼** to select a setting, and then press **OK** to confirm.
  - To return to the previous menu, press **◀**.
  - To exit the menu, press **SETUP**.

### [Parental Control]

With the Parental Control function, you can restrict access to DVDs that are not suitable for your children. The rating levels are country dependent. To view DVDs that are rated higher than the set level, you should enter a 4-digit password.

- **[1. Kid Safe]** - Suitable for children.
- **[2. G]** - Recommended as acceptable for viewers of all ages.
- **[3. PG]** - Parental guidance suggested.
- **[4. PG-13]** - Parental guidance suggested.
- **[5. PG-R]** - Parental Guidance; recommended that parents restrict children under 17 from viewing.
- **[6. R]** - Restricted; recommended only when supervised by a parent or adult guardian.
- **[7. NC-17]** - Not recommended for children under age 17.
- **[8. Adult]** - Viewed only by adults due to graphic sexual scenes, violence, or language.



#### Tip

- This function is only available for DVDs that are coded with rating levels.

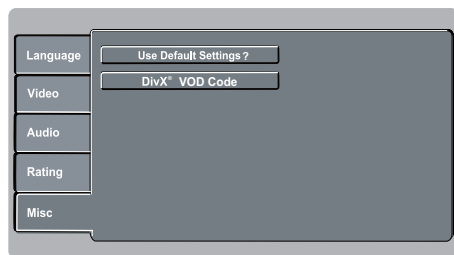
### [Set Password]

The password is used for Parental Control. The default password is '0000'.

### To change the password,

- 1 Press **▲▼** to select **[Set Password]**, and then press **OK**.
- 2 Enter your existing 4-digit password with the **Numeric Keypad 0 - 9** on the remote control.
  - If you forget the current password, you can enter the default password, and then press **OK** to confirm. Then, you can enter the new password.
- 3 Press **OK** to confirm.
- 4 Enter the new 4-digit password.
- 5 Press **OK** to confirm.

## Misc setup



- 1 Press **SETUP** on the remote control.
- 2 Press **▲▼** to select **[Misc]**, and then press **▶**.
- 3 Press **▲▼** to select an option, and then press **▶**.
- 4 Press **▲▼** to select a setting, and then press **OK** to confirm.
  - To return to the previous menu, press **◀**.
  - To exit the menu, press **SETUP**.

### [Use Default Settings ?]

Reset all the settings of this unit to factory default, except for the password and parental settings.

- **[Yes]** - Reset the product to factory default settings.
- **[No]** - Keep the existing settings.

### [DivX® VOD Code]

With the DivX® registration code, you can rent or purchase movies using the DivX VOD (Video on Demand) service on the Internet. For details, visit the website: <http://www.divx.com/vod>.

- 1 Select **[DivX® VOD Code]**, and then press **OK** to confirm.
  - ↳ The registration code is displayed.
- 2 Write down the code.
- 3 Press **OK** to exit the code message.

# 7 Additional information

## Care

### Caution

- Never use solvents such as benzene, thinner, cleaners available commercially, or anti-static sprays intended for discs.

### Clean discs

Wipe the disc with a micro fibre cleaning cloth from the centre to the edge in a straight line movement.

## Specifications

### Note

- Specification and design are subject to change without notice.

### Accessories supplied

- Remote control and batteries
- Audio/Video cables
- User Manual

### Play media

- DVD-Video, Video CD/SVCD, Audio CD, CD-R/CD-RW, DVD+R/+RW, DVD-R/-RW, DivX-CD, Picture CD, MP3-CD, USB flash drive

### TV standard

- Number of lines:
  - 625 (PAL/50Hz); 525 (NTSC/60Hz)
  - Play: Multi-standard (PAL/NTSC)

### Video performance

- Video DAC: 12 bits, 108 MHz
- Video output: 1 Vpp ~ 75 ohm

### Video format

- Digital compression:
  - DVD/SVCD/VCD/DivX
- Horizontal resolution:
  - DVD: 720 pixels (50 Hz);  
720 pixels (60 Hz)
  - VCD: 352 pixels (50 Hz);  
352 pixels (60 Hz)
- Vertical resolution:
  - DVD: 576 pixels (50 Hz);  
480 pixels (60 Hz)
  - VCD: 288 lines (50 Hz); 240 lines (60 Hz)

### Audio performance

- DA converter: 24 bits, 192 kHz
- Frequency response:
  - DVD: 4 Hz - 22 kHz (48 kHz);  
4 Hz - 44 kHz (96 kHz)
  - SVCD: 4 Hz - 20 kHz (44.1 kHz);  
4 Hz - 22 kHz (48 kHz)
  - CD/VCD: 4 Hz - 20 kHz (44.1 kHz)
- Signal-Noise (1 kHz): > 90 dB (A-weighted)
- Dynamic range (1 kHz): > 80 dB (A-weighted)
- Crosstalk (1 kHz): > 90 dB
- Distortion/noise (1 kHz): > 65 dB
- MP3: MPEG L3

### Audio format

- Digital:
  - MPEG/AC-3: Compressed digital (16, 20, 24 bits, fs 44.1, 48, 96 kHz)
  - MP3: 96, 112, 128, 256 kbps & variable bit rate, fs 32, 44.1, 48 kHz
- Analog sound stereo
- Dolby surround compatible downmix from Dolby Digital multi-channel sound

### Connections

- Video output: Cinch (yellow)
- Audio output (L+R): Cinch (white/red)
- Digital output:
  - 1 coaxial: IEC60958 for CDDA/LPCM; IEC61937 for MPEG 1/2, Dolby Digital

### Main unit

- Dimensions (w x h x d): 360 x 37 x 209 (mm)
- Net Weight: approximately 1.3 kg

### Power

- Power supply rating: 110 - 240V, 50/60HZ
- Power consumption: <10 W
- Power consumption in standby mode: <1 W

### Laser specification

- Type: Semiconductor laser InGaAlP (DVD), AlGaAs (CD)
- Wave length: 658 nm (DVD), 790 nm (CD)
- Output Power: 7.0 mW (DVD), 10.0 mW (VCD/CD)
- Beam divergence: 60 degrees

## 8 Troubleshooting



### Warning

- Risk of electric shock. Never remove the casing of the product.

To keep the warranty valid, never try to repair the product yourself.

If you have problems using this product, check the following points before you request service. If you still have a problem, register your product and get support at [www.philips.com/welcome](http://www.philips.com/welcome).

If you contact Philips, you will be asked for the model number and serial number are on the back of your product. Write the numbers here:

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

### Main unit

#### The buttons on this unit do not work.

- Disconnect this product from the power outlet for a few minutes, then connect again.

#### No reaction to the remote control.

- Connect this product to the power outlet.
- Point the remote control at the IR sensor located on the front panel of this product.
- Insert the batteries correctly.
- Insert new batteries in the remote control.

### Picture

#### No picture.

- See the TV's user manual on how to select the correct input on the TV. Change the TV channel until you see the Philips screen.

### Sound

#### No audio output from the TV.

- Ensure that the audio cables are connected to the audio input of the TV.
- Assign the audio input of the TV to the corresponding video input. See the TV user manual for details.

#### No audio output from the loudspeakers of the audio device (stereo system/amplifier/receiver).

- Ensure that the audio cables are connected to the audio input of the audio device.
- Turn on the audio device to its correct audio input source.

#### No sound during DivX video playback.

- The audio codec may not be supported by this product.

### Play

#### DivX video files cannot be played.

- Ensure that the DivX video file is complete.
- Ensure that the file name extension is correct.

#### The aspect ratio of the screen is not aligned with the TV display setting.

- The aspect ratio is fixed on the disc.

#### DivX subtitles are not displayed correctly.

- Ensure that the subtitle file name is the same as the movie file name.
- Select the correct character set.
  - Press **SETUP**.
  - Select **[Language] > [DivX Subtitle]** in the menu.
  - Select the character set that supports the subtitle.

#### The contents of the USB flash drive cannot be read.

- The USB flash drive format is not compatible with the digital receiver.
- The drive is formatted with a file system which is not supported by this unit (e.g. NTFS).

## 9 Glossary

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### A

#### **Aspect ratio**

Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9.

The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

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### D

#### **DivX Video-On-Demand**

This DivX Certified ® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in your device setup menu. Go to [vod.divx.com](http://vod.divx.com) with this code to complete the registration process and learn more about DivX video.

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### J

#### **JPEG**

A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their file extension '.jpg' or '.jpeg.'

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### M

#### **MP3**

A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

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### P

#### **PBC (Playback Control)**

A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.

